



# **DISA Test & Evaluation Mission Support Service Pre-Proposal Conference & Lab Tours – SKY 7 and Fort Meade**

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## **Lab Overview Slides**

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# Three Services Offered



## Level 3

Upon Request

- System Administration
  - Installation and Integration
  - Troubleshooting
  - Mitigation of finding
  - Backups
  - IAVA implementation

## Level 2

All programs requiring connectivity  
Regardless of classification

- Network and Security Controls
  - COMSEC & Network Connectivity
  - VMS and inspection
  - SSAA controls
  - Lab Accreditation

## Level 1

All programs on the floor within  
Labs

- Operations
  - Physical Security
  - Logistics and Inventory
  - Warehousing and Shipping
  - Installation and cable fabrication

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# Examples of Programs



<b>Global Command and Control Systems-Joint (GCCS-J)</b>
GCCS-J Status of Resource and Training System (SORTS)
GCCS-J Joint Operational Planning and Execution System (JOPES)
GCCS-J Global Test Suite
<b>Global Combat Support Systems (GCSS)</b>
<b>Ports and Protocols</b>
IP Sonar
<b>National Senior Leadership Decision Support Systems (NSLDSS)</b>
Event Management Framework (EMF)
Strategic Watch Suite
<b>Joint Command Decision Support Center (JCDSC)</b>
<b>Common Network Planning Systems (CNPS)</b>
<b>Integrated Imagery and Intelligence (I3)</b>
<b>Net Centric Enterprise Services (NCES)</b>
<b>GIG Support Suite</b>
GIG Network Management
GIG HAIPES Test Suite
GIG Tier III Help Desk

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# Examples of Programs



<b>Metadata Registry</b>
<b>Joint Enterprise (JEDS)/Global Enterprise Directory Service (GDS)</b>
<b>Joint Enterprise (JEDS)/Global Enterprise Directory Service (GDS)</b>
<b>Open Source Development Suite (OSDS)</b>
<b>User Defined Operational Picture (UDOP)</b>
<b>Network Common Operational Picture (NETCOP)</b>
<b>DISN Video Service (DVS)</b>
Defense Video Service II (DVS-II) Test Suite
Defense Video Service (SECRET)
Defense Video Service II (DVS-II) Tier III Help Desk
<b>DNS Tier 3 Testing</b>
<b>Global Broadcast Satellite (GBS)</b>
Digital Video Broadcast Return Channel Satellite (DVB RCS)
Satellite Communication Integration (SATCOM Integration)
Tactical Service Provider (TSP)
Teleport

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# Efforts Supported



- Test executors provided by the Programs, Projects, Services etc.,
- Supported by JITC with three services described in previous slide

## BN - 39

### Vendor Testing

- Module/Component Level
- System Level

### Functional Testing

- White Box Testing
- Integration Testing
- Black Box Testing
- Performance Testing
- Regression Testing

### Interoperability

- Assessments
  - Certifications
  - Standards Compliance
- Information Assurance

### Security

- Security Test & Evaluation
- Security Assessment

## Other Areas

### Tier III

- Help Desk
- Problem resolution
- Validation
- Deployment

### Demonstration Rooms

- Integrated demonstrations

### On-Demand Work Areas

- Quick reaction support
- Engineering efforts
- National Senior Leader

### Initiatives

## BN-12

### Functional Testing

- Integration Testing
- Performance Testing
- Acceptance or Limited User
- Regression Testing

### Interoperability

- Assessments
- Certifications
- Standards Compliance

### Operational

- Initial Operational Test
- Follow-On Operational Test
- Assessments

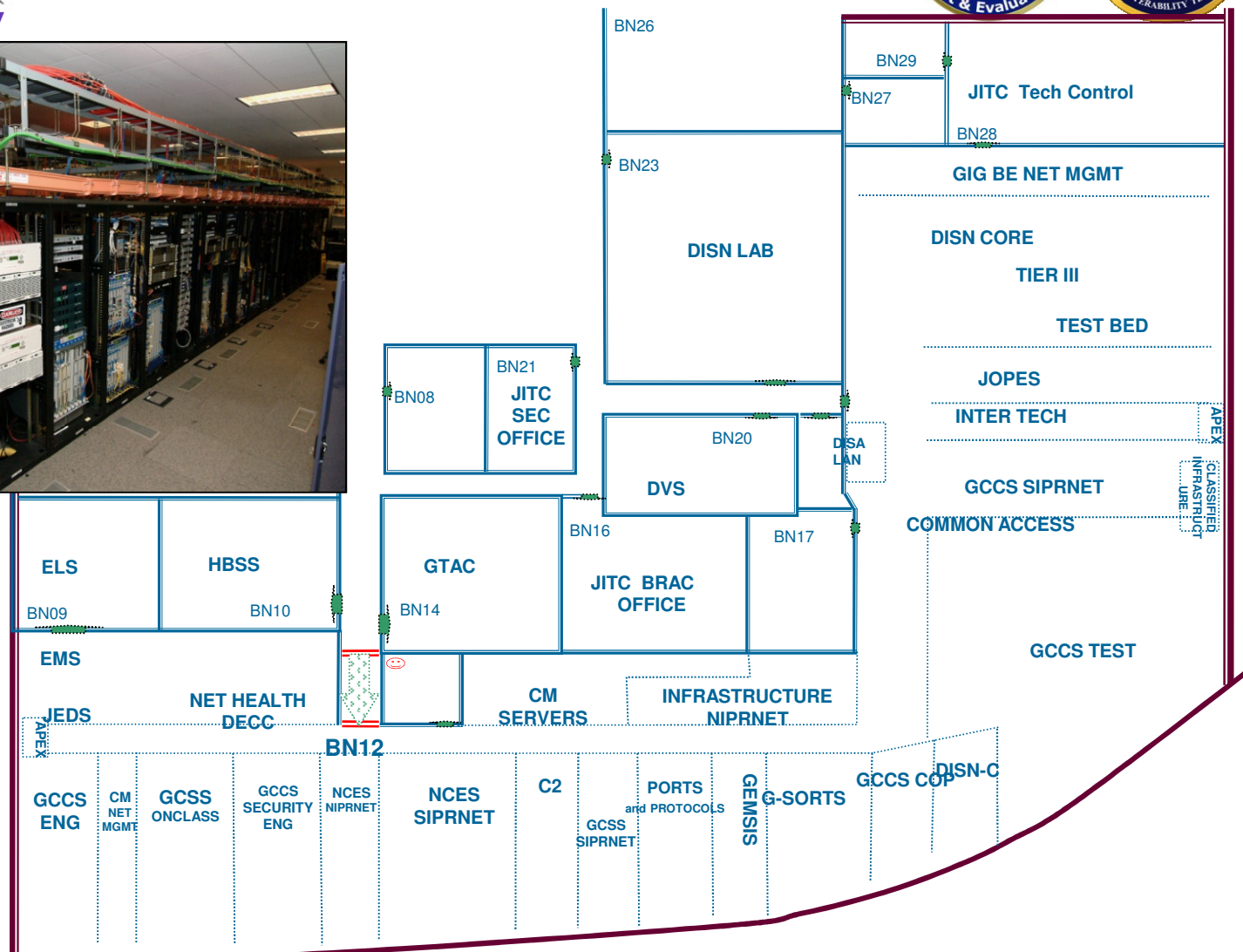
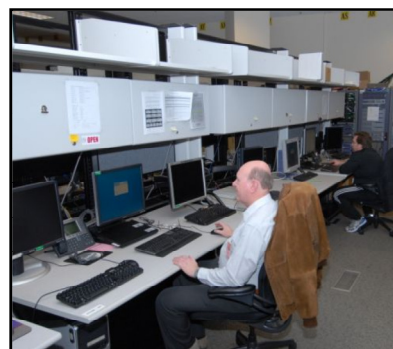
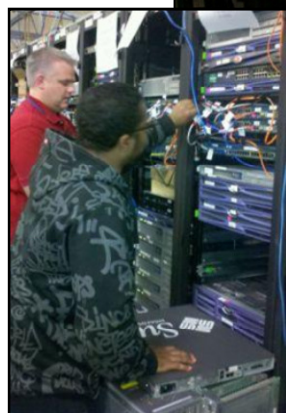
### Information Assurance

### Security

- Security Test & Evaluation
- Security Assessment
- Penetration Testing

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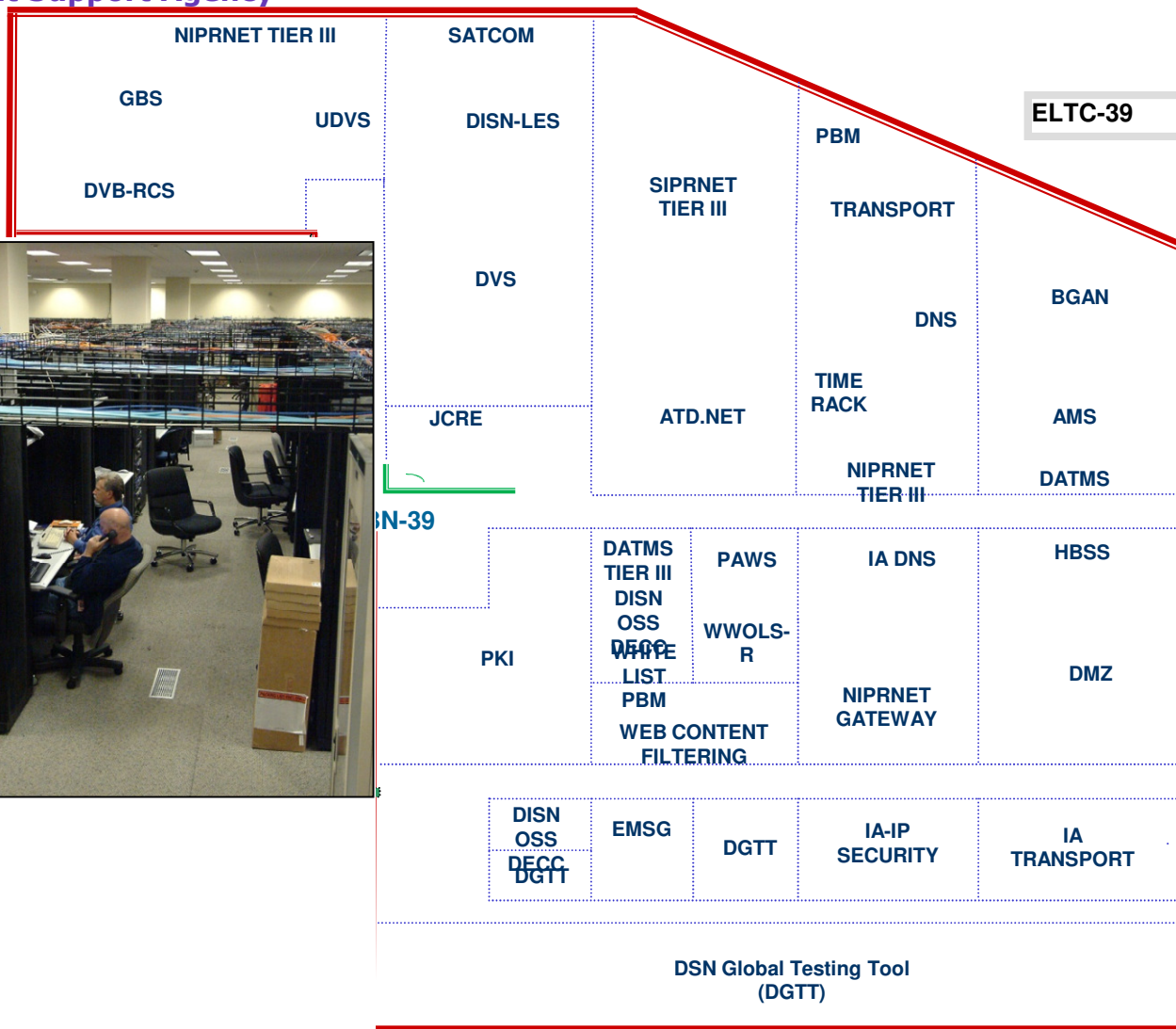
# BN-12 Snapshot



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# BN-39 Snapshot



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## Ft. Meade – Level 2



Entry points circled



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# Ft. Meade – Level 3



Entry points circled



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# Level One Support Basic Operations



## Description

- Provides day to day technical operational support to our subscribers.
- Ensures a safe and secure working environment by monitoring the lab portals and the environment in the lab.
- Facilitates the movement of equipment in and out of the labs.

## Key Elements

- Provides for Logistics and Inventory control over equipment in the lab.
- Provisions the hardware, power and space requirements for each subscriber.
- Handles shipping and receiving of subscribers equipment.
- Fabrication of the work space for each subscriber, ensures sufficient floor space and work area.

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# Level Two Support Managed Connections & IA



## Description

- Provides for standardized connection of systems and equipment both internal and external to the lab facility.
- Provides for the management of the security posture of the required connectivity which includes the structured application of information security in the management of our facility.
- The Security Management process is based on the code of practice for information security management now known as ISO/IEC 27002.

## Key Elements

- Communications Security (COMSEC) – Management and loading of applicable cryptographic components required for each system and connection.
- Network Connectivity – provisioning and management of required circuits.
- VMS and inspection – management of VPN solutions.
- System Security Authorization Agreement (SSAA) Controls – assistance with the formal agreement between the Designated Approving Authority (DAA), the Certification Authority (CA), and User Representatives resulting in certification and accreditation approval.
- Lab Accreditation – coordination with and completion of the Certification & Accreditation process.

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# Level Three Support Systems Administration



## Description

- Provide Systems Administrator (SA) support to subscribers who require additional or full time systems administrator support
- SA support provided for many Operating Systems, Windows, Solaris and Linux
- Support is also available for many applications, BEA WEBlogic Oracle, Microsoft Office, PKI, Vizio and Cad/Cam

## Key Elements

- Installation of operating systems
- Fault Isolation for operating systems, applications and network problems
- Execution of the Secure Technical Installation Guide (STIG) UNIX, Windows, Application, Oracle, Webserver and VMWare
- Performing backups and rebaselining
- IAVA Implementation
- Implementation of Warning Orders
- Vulnerability Management System (VMS) updating to ensure 100 percent compliance with IAVA/IAVMs
- Test environment design

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